4-Port Powerline 500 AV Adapter

TPL-4052E

- 500 Mbps powerline networking
- Connect four devices to the Ethernet ports
- TRENDnet adapters auto-connect out of the box
- Pre-encrypted for your security
- Power Save mode reduces electrical consumption by 80%

TRENDnet's 4-Port Powerline 500 AV Adapter, model TPL-4052E, uses an electrical outlet to create a 500 Mbps powerline network. Two adapters are needed to start a network. Connect network ready TVs, media players, game consoles, and computers to the four Ethernet ports. No CD installation required—encrypted TRENDnet adapters auto-connect out of the box.

Ease of Use

No CD Installation
Simply plug in the adapters—all TRENDnet adapters auto-connect out of the box

Cross Compatible
Works with all TRENDnet Powerline 500 and 200 adapters

Security

Pre-Encrypted
For your security the adapter arrives pre-encrypted

Sync Button
Press the Sync button to change existing encryption keys

Performance

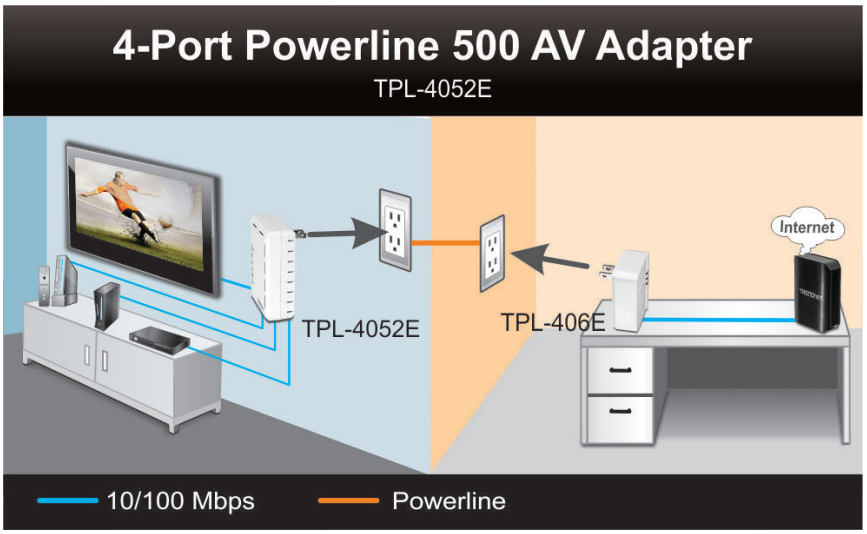
Powerline 500
500 Mbps Powerline networking over existing electrical lines

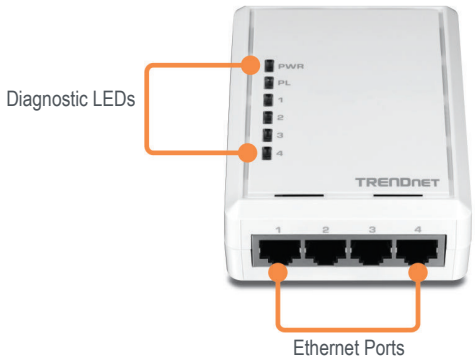
Whole Home Coverage
Connects over electrical lines for distances of up to a 5000 square foot home

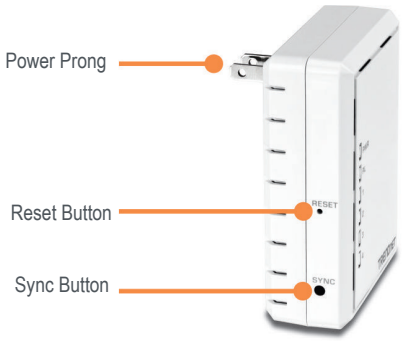
Four Ports
Connect up to four devices to the four Ethernet ports

Energy Savings
Power Save mode reduces electrical consumption by up to 80%

Networking Solutions







Specifications

Standards
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 1901/HomePlug AV

Device Interfaces
- 4 x 10/100 Mbps Ethernet ports
- Sync button
- Status LEDs
- Power prong
- A: North America Type B (NEMA 5–15)
- EU: Euro Type C (CEE 7/16)
- UK : United Kingdom Type G (BS 1363)

Powerline Data Rate
- Up to 500 Mbps

Powerline Range
- Up to 300 m over electrical lines

Frequency Band
- 2 - 50 MHz

Security
- 128-Bit AES encryption

Compatibility
- Optional software utility: Windows 8, 7, Vista, XP

Special Features
- Power Save Mode
- Auto-connects to other TRENDnet Powerline adapters

Power
- Input: 100 - 240 V AC, 50 - 60 Hz
- Consumption:
- Active mode: 4 Watts (max.)
- Standby mode: 0.5 Watts (max.)

Operating Temperature
- 0 - 40 °C (32 - 104 °F)

Operating Humidity
- Max 90% non-condensing

Certifications
- CE
- FCC
- HomePlug AV

Dimensions
- A: 105 x 75 x 57 mm (4.1 x 3.0 x 2.2 in.)
- EU: 105 x 75 x 73 mm (4.1 x 3.0 x 2.87 in.)
- UK: 105 x 75 x 65 mm (4.1 x 3.0 x 2.56 in.)

Weight
- A: 147 g (5.2 oz)
- EU: 170 g (6.0 oz)
- UK: 159 g (5.6 oz)

Warranty:
- 3-year limited

Package Contents
- TPL-4052E
- Quick Installation Guide
- CD-ROM (Utility & User's Guide)
- Network cable (1.5 m/5 ft.)

* Maximum of 8 adapters (nodes) recommended for streaming video across your network

** 500 Mbps is the maximum physical Powerline data rate. Data throughput may vary by circuit wire condition overheads.

*** Powerline communication works only single area electric circuit. (Usually controlled by a single power breaker.)

**** Power strip, GFCI outlets and AFCI circuit breakers will degrade Powerline network signals.

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